

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 3**Complete if Known**

Application Number	
Filing Date	Jan. 5, 2004
First Named Inventor	Howard Tak Su Lim
Art Unit	
Examiner Name	
Attorney Docket Number	

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
H/L		US- 3,995,326	12/1976	Umann	
		US- 4,000,742	1/1977	DiGiacomo	
		US- 4,069,519	1/1978	Alexander	
		US- 4,123,807	11/1978	Oguma et al.	
		US- 4,127,904	12/1978	Junker	
		US- 4,135,255	1/1979	Menendez	
		US- 4,181,985	1/1980	Rius	
		US- 4,197,594	4/1980	Butterfield	
		US- 4,205,402	6/1980	Miller	
		US- 4,207,628	6/1980	Ibel	
		US- 4,237,560	12/1980	Riegelman et al.	
		US- 4,242,764	1/1981	Fukuda	
		US- 4,551,867	11/1985	Gurevich et al.	
		US- 4,553,274	11/1985	Yui	
		US- 4,581,779	4/1986	Matsui et al.	
		US- 4,596,058	6/1986	Nourbakhsh	
		US- 4,636,474	1/1987	Ogura et al.	
		US- 4,638,514	1/1987	Landsberger	
H/L		US- 4,642,820	2/1987	Horing, Jr.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁹
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature	<i>Roger Le</i>	Date Considered	08-06-04
--------------------	-----------------	-----------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁹ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 3**Complete if Known**

Application Number	
Filing Date	Jan. 5, 2004
First Named Inventor	Howard Tak Su Lim
Art Unit	
Examiner Name	
Attorney Docket Number	

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
HL		US- 4,807,311	2/1989	Ingels	
		US- 4,924,534	5/1990	Basile	
		US- 4,926,509	5/1990	Bass	
		US- 4,967,423	11/1990	Aoyama	
		US- 4,998,300	3/1991	Sharifzadeh	
		US- 5,025,510	6/1991	Basile	
		US- 5,090,067	2/1992	Cogdill	
		US- 5,138,726	8/1992	Campbell	
		US- 5,142,711	9/1992	Parikh	
		US- 5,203,037	4/1993	Kang	
		US- 5,247,711	9/1993	Kwon	
		US- 5,263,205	11/1993	Leunissen	
		US- 5,271,104	12/1993	LaTora	
		US- 5,279,001	1/1994	Vento	
		US- 5,272,774	12/1993	Ivko et al.	
		US- 5,359,736	11/1994	Olivier	
		US- 5,384,919	1/1995	Smith	
		US- 5,452,483	9/1995	Dizon	
HL		US- 5,566,402	10/1996	Agha el-Rifai et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear

Examiner Signature	<i>Thuy Le</i>	Date Considered	08-06-04
--------------------	----------------	-----------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. . Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 3 of 3**Complete if Known**

Application Number	
Filing Date	Jan. 5, 2004
First Named Inventor	Howard Tak Su Lim
Art Unit	
Examiner Name	
Attorney Docket Number	

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
HL		US- 5,720,055	2/1998	Krist	
		US- 5,809,585	9/1998	Farshad	
		US- 5,884,345	3/1999	Sugiyama et al.	
		US- 5,911,516	6/1999	Chang	
		US- 5,933,881	8/1999	Smith	
		US- 5,937,451	8/1999	Mihara	
		US- 5,953,766	9/1999	Szoke	
		US- 5,991,937	11/1999	Safara	
		US- 6,073,275	6/2000	Klopocinski	
		US- 6,105,179	8/2000	Burns	
		US- 6,178,568B1	1/2001	Boulieris	
		US- 6,192,527	2/2001	Paul	
		US- 6,321,396	11/2001	Vallejo	
		US- 6,397,406B1	6/2002	Moshkovich	
		US- 6,473,913B1	11/2002	Bell, Sr.	
		US- 6,487,732	12/2002	Smith	
		US- 6,618,865B1	9/2003	Kim	
		US- 6,643,856	11/2003	Valverde	
HL		US- 6,665,888B1	12/2003	Kwak	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature	<i>Ruigen Le</i>	Date Considered	08-06-04
--------------------	------------------	-----------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.